

538 200  
10/538200

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

Rec'd PCT/PTO 09 JUN 2005

(19) World Intellectual Property  
Organization  
International Bureau



(43) International Publication Date  
8 July 2004 (08.07.2004)

PCT

(10) International Publication Number  
WO 2004/056832 A2

(51) International Patent Classification<sup>7</sup>: C07D 493/04,  
417/06, A61K 31/427, A61P 35/00, C07C 59/90

Ernst [DE/DE]; Gallenweilerweg 1, 79427 Eschbach  
(DE). OBERER, Lukas [CH/CH]; Schlossgasse 17,  
CH-4456 Tanniken (CH). SEDELMEIER, Gottfried  
[DE/DE]; Erlenweg 11, 79227 Schallstadt (DE).

(21) International Application Number:  
PCT/EP2003/014747

(74) Agent: GRUBB, Philip; Novartis AG, Corporate Intellectual  
Property, CH-4002 Basel (CH).

(22) International Filing Date:  
22 December 2003 (22.12.2003)

(81) Designated States (national): AE, AG, AL, AM, AT, AU,  
AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR,  
CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD,  
GE, GH, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ,  
LC, LK, LT, LU, LV, MA, MD, MK, MN, MX, NI, NO,  
NZ, OM, PG, PH, PL, PT, RO, RU, SC, SE, SG, SK, SY,  
TJ, TM, TN, TR, TT, UA, US, UZ, VC, VN, YU, ZA, ZW.

(25) Filing Language: English

(84) Designated States (regional): Eurasian patent (AM, AZ,  
BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE,  
BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU,  
IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR).

(26) Publication Language: English

Published:  
— without international search report and to be republished  
upon receipt of that report

(30) Priority Data:  
0230024.2 23 December 2002 (23.12.2002) GB

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

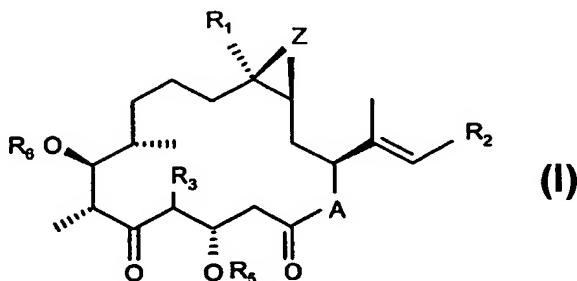
(71) Applicant (for all designated States except AT, US): NOVARTIS AG [CH/CH]; Lichtstrasse 35, CH-4056 Basel (CH).

(71) Applicant (for AT only): NOVARTIS PHARMA GMBH [AT/AT]; Brunner Strasse 59, A-1230 Vienna (AT).

(72) Inventors; and

(75) Inventors/Applicants (for US only): DENNI-DISCHEERT, Donatiene [FR/FR]; 39 rue des Clefs, F-68000 Colmar (FR). FLOERSHEIMER, Andreas [DE/CH]; Lehmenweg 38, CH-4143 Dornach (CH). KÜSTERS,

(54) Title: EPOTHILONE DERIVATIVES



(57) Abstract: The present invention relates to C4-demethyl-epothilones or C4-bisnor-epothilones of Formula (I), their pharmaceutical use, pharmaceutical composition containing the same and methods for their preparation.

WO 2004/056832 A2